Creare BTE Hearing Aid Back Mic Front Mic Revision: E IM69D130 Vdd IM69D130 Created: June 10, 2019 Data Clock Select CMN PCB (0.025" thk) CS44 Connector **FPC Connector** CMN CLK Vdd Data Sonion Molex #5014610491 #4400-3112255 4 SPK -Key SPK + 220nF 50Ω Soldered, but no signal CMN VDD CLK DATA **Body Cable** Mogami W2880 1. DATA CLK (WHT) CLK and DATA were swapped since the last revision 2. CLK DATA (BLU) 3. VDD (RED) 4. MIC CMN (BLK) N/C 5. SPK - (GRN) 6. SPK + (YEL)DRAIN (N/C) **USB Mini-B Plug** 1. [VBUS]: VDD (RED) 2. [D-]: DATA CLK (WHT) 3. [D+]: CLK-DAT (BLU) 4. [ID]: SPK + (YEL) 5. [GND]: MIC CMN (BLK) [Shield]: SPK - (GRN) & DRAIN Mini-B

Wiring Overview